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Ag84M
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MINI-HOTBED AND PROPAGATING FRAME

COOPERATIVE FARM BUILDING
Plan No. 6080
(1 SHEET)
PLAN EXCHANGE

This plastic-covered hatbed is inexpensive and easy to construct. It is partable and suitable far use in the hame backyard.

A 160-watt sail heating cable, thermastatically cantralled ta shut off at 70° F. is used to heat the structure. Twa pieces af plastic film caver the frame, overlap at the tap, and are held taut with snap clathespins. Plastic webbing permits clasing up the hatbed at night. The hatbed is ventilated during the day by pulling dawn the plastic film fram the top and fastening it with clothespins.

A large-scale working drawing may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university. Order Plan No. 6080, MINI-HOTBED AND PROPAGATING FRAME.

Washington, D.C.

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Agricultural Engineering Research Division AGRICULTURAL RESEARCH SERVICE

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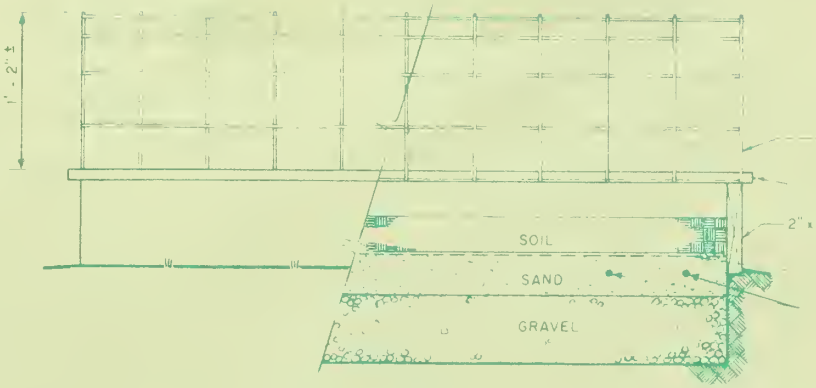
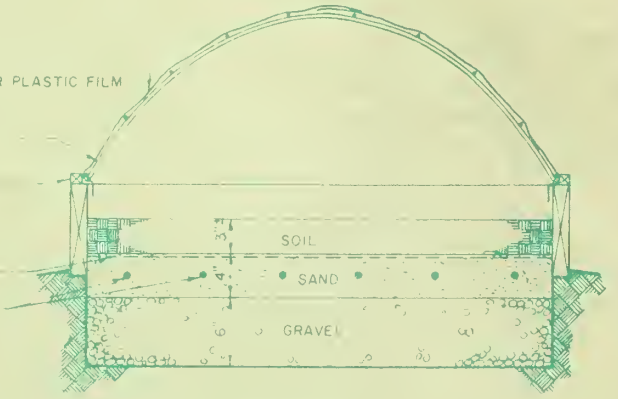


SIDE VIEW
CUT AWAY



END VIEW
SECTION

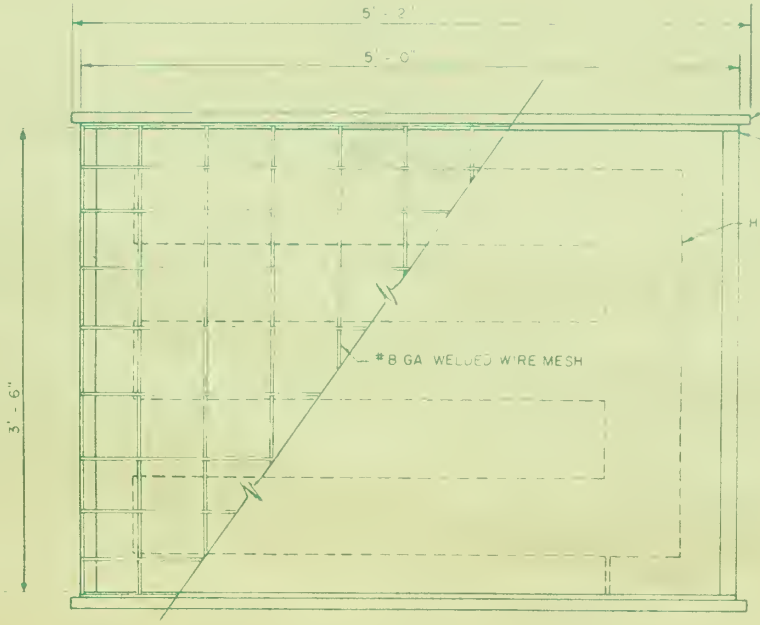
NOTE: SEPARATION OF HEATING CABLES IS VARIABLE TO AMOUNT OF HEAT NEEDED PER SQ. FT. ACCORDING TO GEOGRAPHIC LOCATION. REFER TO LEAFLET NO 445 USDA

ALL WOOD SHOULD BE TREATED WITH PRESERVATIVE AFTER CUTTING AND BEFORE ASSEMBLY.

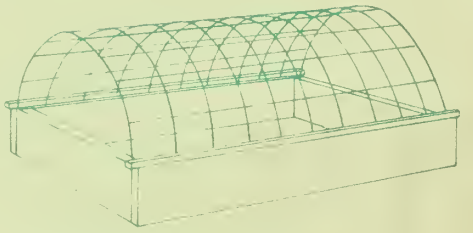
METAL PARTS AND FASTENINGS TO BE GALVANIZED OR OTHERWISE RESISTANT TO CORROSION.

WOOD PARTS MAY BE FASTENED WITH SCREWS OR WITH NAILS.

PLASTIC MAY BE FASTENED BY CLOTHES PINS OR BY PLASTIC WEBBING



TOP VIEW
CUT AWAY



PERSPECTIVE VIEW
NOT TO SCALE

MATERIAL LIST

2 PCS.	2"x8" 5' LONG FOR SIDES
2 PCS.	2"x8" 3' 6" LONG FOR ENDS
2 PCS.	1"x1" WIRE STOP - 5' 2" LONG FOR SIDES
1 PC.	NO 8 GAUGE 6"x6" WELDED WIRE, 5' LONG 4' - 6" WIDE FOR TOP OF WOOD FRAME TO SUPPORT PLASTIC FILM
3 PCS.	PLASTIC WEBBING 2" WIDE - 5' LONG
2 PCS.	PLASTIC FILM, 4 MIL, CLEAR 3' WIDE 7' LONG
1	160-WATT SOIL HEATING CABLE, THERMOSTATICALLY CONTROLLED TO SHUT OFF AT 70°F
1 PC.	WHITE PLASTIC FILM, 4 MIL, 5'x8' FOR COVERING FRAME DURING WINTER
2 PCS.	CHEESECLOTH, 3'x7'
4 IN.	SAND - 2" ABOVE, 2" BELOW HEATING CABLE
1 PC.	1/2" HARDWARE CLOTH, 5'x3 1/2'

DESIGNED IN COOPERATION WITH CROPS RESEARCH DIVISION

MINI-HOTBED AND PROPAGATING FRAME		
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